

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



10/521344



(43) International Publication Date  
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number  
WO 2004/008891 A1

(51) International Patent Classification<sup>7</sup>: A41B 9/02

(21) International Application Number:  
PCT/KR2003/001402

(22) International Filing Date: 16 July 2003 (16.07.2003)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:  
10-2002-0042222 18 July 2002 (18.07.2002) KR

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DOCTOR UNDERPANTS

(57) Abstract: This invention relates to an inside structure of a male underpants for kinematically moving a penis. The inside structure of the underpants comprises a waistband 110, a penis cord 120 for lifting a lower muscle of the penis positioned between the penis and a scrotum, penis supporting cords 130a, 130b, connected to either side of the penis cord 120, and penis exercising cords 140a, 140b positioned between the penis supporting cords 130a, 130b. The invention has a simple constitution, and thus may be easily manufactured. The invention provides healthful underpants having a pleasant wearing feeling by giving a pleasant stimulation to the lower muscle of the penis and kinematically moving the penis.

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**DOCTOR UNDERPANTS****Technical Field**

This invention relates to an underpants, and more  
5 specifically relates to an inside structure of the underpants for  
kinematically moving a penis, for example, making a centrifugal  
training of the penis.

**Background Art**

10 Generally, the male penis is located with spatially hung  
on the body to be moved kinematically. Such a location provides  
mystery of the human science since it provides a safety and good  
ventilation for inducing a low temperature. However, the penis  
on the scrotum may not be moved easily due to an upright posture  
15 of the human body. Further, the movement of the penis is  
constrained by the scrotum since the penis contacts to the  
scrotum.

There have been many kinds of the functional underpants for  
the male home and abroad. However, the prior underpants have some  
20 problems that their functional effects cannot be expected  
satisfactorily, and further their constitutional shapes for  
accomplishing such a functional effects lose a dignity and damage  
a feeling of wearing.

Further, there has been a problem that the genital organ of the male may be degenerated and have impotence if the general underpants for the male, such a triangular underpants, are steadfast on the body.

5

#### Disclosure of Invention

In view of the foregoing, it is an object of the invention to provide an inside structure of underpants for completely and efficiently lifting up a lower muscle of a penis positioned between the penis and a scrotum even when taking a any motion or posture in daily life.

Further, another object of the invention is to provide an inside structure of underpants for properly separating a penis from a scrotum using penis supporting cords located ceases between legs and an abdomen and penis cord, and kinematically moving the penis more than ever whenever taking a walk by exposing a root of the penis.

Further, another object of the invention is to provide an inside structure of underpants for making a safe and medical centrifugal exercise of the penis for the reinforcement of the penis using penis exercising cords.

To accomplish the above objects, an inside structure of a male underpants has a waist band, a plurality of cord connected

to the waist band, a plurality of member for adjusting a cord length,  
and a plurality of member for having each cord separably connected  
to the waist band. The inside structure comprises a penis cord  
for lifting a lower muscle of a penis, penis supporting cords  
5 having each one end connected to either side of the penis cord  
and each other end connected to either side of the waist band,  
and a penis exercising cords having each one end connected to  
predetermined positions between the either side and a front side  
of the waist band and each other end connected to the either side  
10 of the penis cord.

Preferably, the penis supporting cords are adapted to be  
positioned along a cease between a leg and an abdomen. Further,  
the penis supporting cords are made of an elastic material to make  
the same movement as the penis exercising cords.

15 Preferably, the penis exercising cords are connected to  
cause the penis to make a shaking motion and a centrifugal motion  
when upper parts of the penis exercising cords are repeatedly  
pulled.

Preferably the penis cord is beaded to have a bead made of  
20 jade or silver built-in or is looped. Further, the penis cord  
may include a healthful and hygienic tuft. Also, the penis cord  
may be made of medicinal material or aromatic material.

### Brief Description of Drawings

The above and other objects, features and advantages of the invention will be apparent from the following detailed description of the preferred embodiments of the invention in conjunction with the accompanying drawing, in which:

Fig. 1 is a detail view for explaining an inside structure of an underpants according the embodiment of the invention.

### 10 Best Mode for Carrying Out the Invention

Referring to Fig. 1, an inside structure 110 of an underpants according to the embodiment of the invention comprises a waist band 110, a plurality of cord connected to the waist band 110, a plurality of member 170a, 170b, 170c, 170d for adjusting a cord length, and a plurality of member 160a, 160b, 160c, 160d for having each cord separably connected to the waist band 110. The inside structure 100 may be applied to a triangle underpants or a trunk underpants. Further, the inside structure 100 may be used for an independent exercising structure separated from the underpants.

A penis cord 120 serves to lift a lower muscle of a penis. Either side of the penis cord 120 is connected to each one end of penis supporting cords 130a, 130b. Each other end of penis

supporting cords 130a, 130b is connected to either side of the waist band 110. The penis supporting cords 130a, 130b are adapted to be positioned along a crease between a leg and an abdomen. Thus, from the above constitution, the penis cord 120 lifts completely and effectively the lower muscle of the penis even with a user taking any posture. Here, the penis supporting cords 130a, 130b may be made of an elastic material to have a functional and efficient effect. Specifically, if the penis supporting cords 130a, 130b are flexible, they may correspond to any posture or any motion. Further, when taking a walk, the penis will be swung more than ever due to the flexibility of the cords 130a, 130b. Further, due to this, even a reaction effects will be expected. Thus, the lower muscle of the penis may receive a pleasant stimulation more than ever.

Also, the penis supporting cords 130a, 130b are possible to make the same movement as the penis exercising cords 140a, 140b. Further, 4 portions of the waistband are connected to the lower muscle of the penis via the cords 130a, 130b. Thus, even when lifting any portions of the waistband, since the lower muscle of the penis receives a pleasant stimulation, the lower muscle of the penis, which is a core portions for a penis reinforcement exercising, may be easily stimulated.

Further, since the penis supporting cords have a complete

function for lifting a scrotum as well as a penis root, it is possible to keep continuously the status of pulling phimosis of the penis back. Thus, to do this, the pennies supporting cords may be treated hygienically.

5       The penis exercising cords 140a, 140b also serves to exercise the penis with lifting the lower muscle of the penis between the penis supporting cords 130a, 130b. Each one end of the penis exercising cords 140a, 140b is connected to predetermined positions 140c, 140d between the either side and  
10   a front side of the waist band 110. Further, each other end of the penis exercising cords 140a, 140b is connected to the either side of the penis cord 120.

      If the both upper parts of the penis exercising cords 140a, 140b is repeatedly lifted, the penis takes a centrifugal motion  
15   upward and downward with erected due to the penis cords lifting the lower muscle of the pennies. Preferably, it will be enough if the centrifugal exercise of the penis, which is done like when shaking off urine right after urinating, is prosecuted during 1 to 2 minuets a before and after going to bed. The exercise for  
20   shaking the penis like pulling the root of the penis back results in an active blood circulation. Further, since the glans of the penis rubs with the underpants, the glans is not only trained, but also the erection of the penis may be easily accomplished.

Specially, since the lower muscle of the penis is repeatedly lifted up, the glans, the body, and the root of the penis are massaged. Thus, from the physical penis reinforcement exercise, the effects that the premature ejaculation is prevented, the sexual nerve is trained, the sexual confidence is obtained, and the exercising effect is transferred to the prostate may be expected.

The penis cord 120 supporting and lifting the lower muscle of the penis may be made of a healthful material. Further, the penis cord 120 may be beaded to have a bead made of jade or silver built-in. Alternatively, the penis cord 120 may be looped to surround the penis. Also, the penis cord 120 may include a hygienic cotton tuft 150a, 150b or a hygienic ramie fabric tuft to protect the urethral canal like the scrotum.

### **Industrial Applicability**

Generally, a proper exercise like a proper shaking motion is beneficial to the health. Thus, the inside structure of the underpants according to the invention promotes health in that the penis is kinematically moved well by the shaking motion of the penis cords and a reaction motion of the flexible penis supporting cords.

Since the penis is kinematically moved more than ever upon



taking a walk, a blood circulation directed to the glans of the penis is promoted, and the penis being in the course of the shaking motion in gravity state is massaged by the penis cord supporting the root of the penis.

5           Therefore, a user may have a pleasant feeling transferred to the root of the penis with actually ascertaining the expanding change of the glans of the penis. As a result, a sexual energy may be formed in the lower muscle of the penis, which is the core part for the penis reinforcement exercise.

10           The centrifugal exercise of the penis is an exercise cure shaking the penis like pulling the root of the penis back using the penis cords repeatedly lifting up the penis. As a result, the expanded glans of the penis may be trained with rubbing with the underpants. Further, the penis is reinforced by the repeated  
15           massage to the root of the penis and the physical training of the body of the penis. As a result, due to the reinforcement of inside and outside of the penis by the active blood circulation and the massage to an erection muscle and sexual nerves, a user may latently ascertain that the penis is easily expanded and trained.  
20           From the foregoing, the effects that the impotence is cured, the penis is developed, the premature ejaculation is adjusted, the sexual nerve is trained, the sexual confidence is obtained, and the exercising effect is transferred to the prostate may be

expected. Therefore, the inside structure according to the invention may provide a healthful exercise cure to reinforce the genital organs of the male by simply applying to the prior underpants

**CLAIMS**

1. An inside structure of a male underpants having a waist band 110, a plurality of cord connected to the waist band 110, a plurality of member 170a, 170b, 170c, 170d for adjusting a cord length, and a plurality of member 160a, 160b, 160c, 160d for having each cord separably connected to the waist band 110, the inside structure comprising:

a penis cord 120 for lifting a lower muscle of a penis;

penis supporting cords 130a, 130b having each one end connected to either side of the penis cord 120 and each other end connected to either side of the waist band 110; and

a penis exercising cords 140a, 140b having each one end connected to predetermined positions 140c, 140d between the either side and a front side of the waist band 110 and each other end connected to the either side of the penis cord 120.

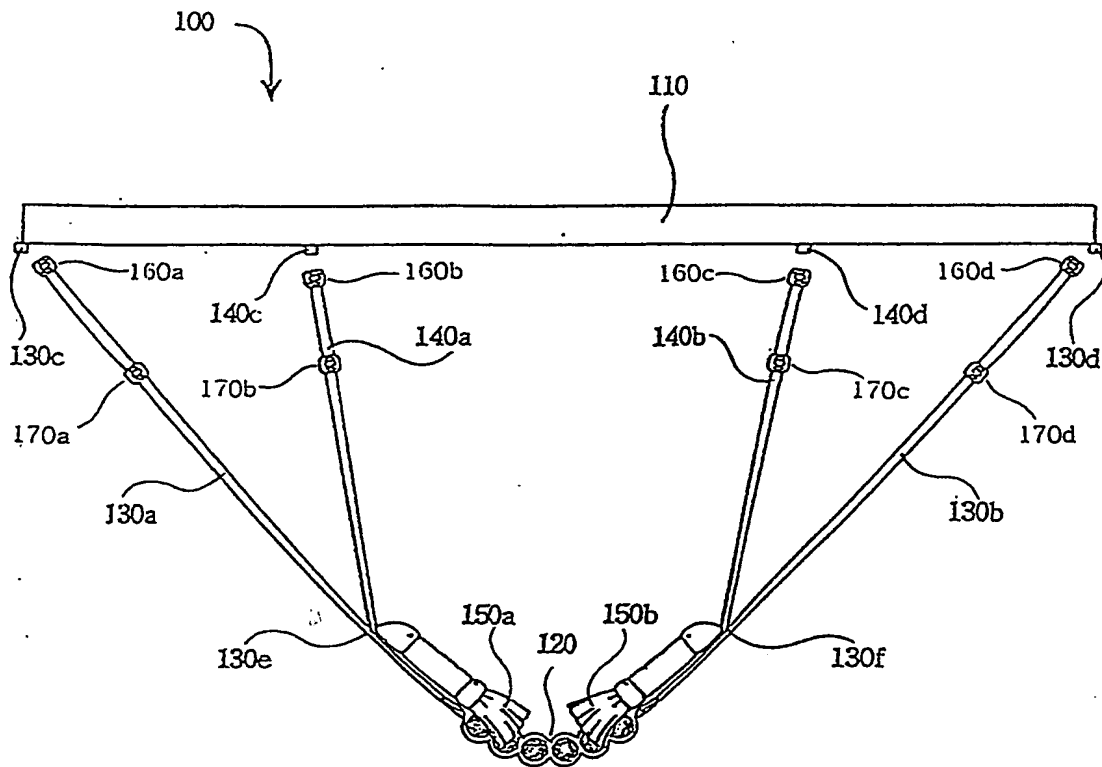
2. The inside structure of the male underpants according to claim 1, wherein the penis supporting cords 130a, 130b are adapted to be positioned along a cease between a leg and an abdomen, the penis supporting cords 130a, 130b being made of an elastic material to make the same movement as the penis exercising cords 140a, 140b.

3. The inside structure of the male underpants according to claim 1, wherein the penis exercising cords 140a, 140b are connected to cause the penis to make a shaking motion and a centrifugal motion when upper parts of the penis exercising cords 140a, 140b are repeatedly pulled.

4. The inside structure of the male underpants according to claim 1, wherein the penis cord 120 is beaded to have a bead made of jade or silver built-in or is looped, the penis cord 120 including a healthful and hygienic tuft 150a, 150b, the penis cord 120 being made of medicinal material or aromatic material.

## Figures

Fig 1



# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR03/01402

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A41B 9/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A41B, A41C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR : IPC as above

JP (utility models) : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 2002-042054 A (HONG YOUNG-SOO) 05 JUNE 2002 See the whole document	1 - 4
Y	KR 20-0152302 U (PARK BYOUNG -HWA) 24 APRIL 1999 See the whole document	1 - 3
Y	KR 20-0230628 U (JUNG SUN-YOUNG) 03 JULY 2001 See the whole document	1, 3, 4
A	KR 1999-017472 U (LIM CHE-CHUL) 25 MAY 1999 See the whole document	1, 2
A	KR 1996-016084 U (SHU SENG-GUE) 17 JUNE 1996 See the whole document	1, 2
A	JP 52-057806 U (KISHITAAEICHI) 26 APRIL 1977 See the whole document	1
A	JP 57-096901 U (KATOU) 15 JUNE 1982 See the whole document	1

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

25 NOVEMBER 2003 (25.11.2003)

Date of mailing of the international search report

25 NOVEMBER 2003 (25.11.2003)

Name and mailing address of the ISA/KR



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